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June 17, 2009

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EPA Region 10
Investigations and Engineering Unit (OEA-95)
1200 Sixth Avenue
Seattle WA 98101
Attn: Dan Duncan

RE: Emerald Services, Inc.
Summary Report - PCB Contamination and De-Contamination
Purcell Equipment

Dear Mr. Duncan;

This report is being provided in order to summarize the management of PCB-contaminated used oil received by Emerald Services, Inc.'s Seattle facility from Purcell Equipment. This information is supplemental to that provided in the Unmanifested Waste Report (Report) dated April 28, 2009.

The Emerald facility located at 1500 Airport Way South in Seattle, Washington (Emerald), received a shipment of used oil contaminated with polychlorinated biphenyls (PCBs) on April 2, 2009. The contamination was discovered upon routine PCB testing of bulked oil at the Emerald facility.

Testing by the Emerald laboratory showed PCB contamination in an Emerald storage tank of consolidated used oil at 5.8ppm. By analyzing retain samples from each shipment consolidated into the tank, Emerald was able to trace the PCB contamination to a shipment from Purcell Equipment, 17227 Hwy 9, Snohomish WA 98296. The PCB result for the retain sample from the Purcell Equipment portion of the shipment was reported as 53ppm PCB-1242 by Test America, Inc. (see Test America Report for Job Number 580-13276-1). Testing of the remaining contents of the Purcell Equipment tanks and containers confirmed that PCB contamination from the same arochlor was present at that location (see Test America Report for Job Number 580-13331-1).

USEPA REG



0001034

Your Partner for Recycling and Environmental Services

Corporate Office: 7343 E. Marginal Way So. • Seattle, WA 98108 • (206) 832-3000 • 1-888-832-3008 • Fax (206) 832-3030

Once transportation and proper disposal were arranged, Emerald pumped the contaminated used oil out of the storage tank to a tanker truck. Contaminated equipment was washed with water and the storage tank and transport tank were decontaminated with diesel per the enclosed PCB Tank Decontamination and Sampling Plan. The used oil and rinseates was then transported as TSCA regulated waste to Clean Harbors on manifest #002570965FLE. All decontamination solids were shipped as TSCA regulated waste on manifest #001415036JJK to Clean Harbors. A copy of each manifest used for shipment is attached.

If you have any questions regarding this report, or need additional information, please feel free to contact me at the numbers below.

Sincerely,



Sheila Smith, Environmental Coordinator
Emerald Services, Inc.
(206) 832-3204 (Office)
(253) 370-7912 (Cell)
(206) 832-3304 (fax)
sheilas@emeraldnw.com

cc: Facility Operating Record

Enclosures: Test America Analytical Reports, Job Numbers 580-13276-1 and 580-13331-1.
Emerald PCB Tank Decontamination and Sample Plan
Emerald PCB Swabs Analysis Report
Manifest #002570965FLE and #001415036JJK with Certificate of Treatment/Disposal (copy)

ANALYTICAL REPORT

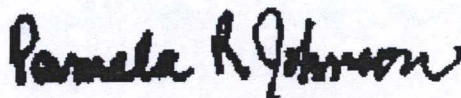
Job Number: 580-13276-1

Job Description: PCB's in oil/Purcell Equip

For:

Emerald Services
9010 E Marginal Way S
Suite 200
Seattle, WA 98108

Attention: Leslie Embrey



Approved for release.
Pam R Johnson
Project Mgmt. Assistant
4/9/2009 2:27 PM

Designee for
Ivy J Bolm
Project Manager I
ivy.bolm@testamericainc.com
04/09/2009

cc: Jon Skinner

TestAmerica Tacoma is a part of TestAmerica Laboratories, Inc.

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This report shall not be reproduced except in full, without prior express written approval by the laboratory. The results relate only to the item(s) tested and the sample(s) as received by the laboratory.

The results included in this report have been reviewed for compliance with the laboratory QA/QC plan and meet all requirements of NELAC. All data have been found to be compliant with laboratory protocol, with the exception of any items noted in the case narrative.

TestAmerica Laboratories, Inc.

TestAmerica Tacoma 5755 8th Street East, Tacoma, WA 98424

Tel (253) 922-2310 Fax (253) 922-5047 www.testamericainc.com



METHOD SUMMARY

Client: Emerald Services

Job Number: 580-13276-1

Description	Lab Location	Method	Preparation Method
Matrix: Waste			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL TAC	SW846 8082	
Waste Dilution	TAL TAC		SW846 3580A

Lab References:

TAL TAC = TestAmerica Tacoma

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Emerald Services

Job Number: 580-13276-1

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Client Matrix</u>	<u>Date/Time Sampled</u>	<u>Date/Time Received</u>
580-13276-1	090406-0 B-8/Purcell Equip	Waste	04/06/2009 0000	04/07/2009 1255

Analytical Data

Client: Emerald Services

Job Number: 580-13276-1

Client Sample ID: 090406-0 B-8/Purcell Equip

Lab Sample ID: 580-13276-1

Date Sampled: 04/06/2009 0000

Client Matrix: Waste

Date Received: 04/07/2009 1255

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-42335	Instrument ID:	TAC042
Preparation:	3580A	Prep Batch: 580-42297	Lab File ID:	CCL010870.D
Dilution:	1.0		Initial Weight/Volume:	0.2123 g
Date Analyzed:	04/09/2009 0101		Final Weight/Volume:	10 mL
Date Prepared:	04/08/2009 0751		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1016		ND		0.47
PCB-1221		ND		0.47
PCB-1232		ND		0.47
PCB-1248		ND		0.47
PCB-1254		ND		0.47
PCB-1260		ND		0.47
Surrogate		%Rec		Acceptance Limits
Tetrachloro-m-xylene		101		45 - 155
DCB Decachlorobiphenyl		102		60 - 125

Analytical Data

Client: Emerald Services

Job Number: 580-13276-1

Client Sample ID: 090406-0 B-8/Purcell Equip

Lab Sample ID: 580-13276-1

Date Sampled: 04/06/2009 0000

Client Matrix: Waste

Date Received: 04/07/2009 1255

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 580-42340

Instrument ID: TAC042

Preparation: 3580A

Prep Batch: 580-42297

Lab File ID: CCL010886.D

Dilution: 5.0

Initial Weight/Volume: 0.2123 g

Date Analyzed: 04/09/2009 0959

Final Weight/Volume: 10 mL

Date Prepared: 04/08/2009 0751

Injection Volume: 1.0 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1242		53		2.4

Quality Control Results

Client: Emerald Services

Job Number: 580-13276-1

Method Blank - Batch: 580-42297

Method: 8082
Preparation: 3580A

Lab Sample ID: MB 580-42297/1-A
Client Matrix: Waste
Dilution: 1.0
Date Analyzed: 04/09/2009 0030
Date Prepared: 04/08/2009 0751

Analysis Batch: 580-42335
Prep Batch: 580-42297
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CCL010868.D
Initial Weight/Volume: .2 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		0.50
PCB-1221	ND		0.50
PCB-1232	ND		0.50
PCB-1242	ND		0.50
PCB-1248	ND		0.50
PCB-1254	ND		0.50
PCB-1260	ND		0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	89	45 - 155
DCB Decachlorobiphenyl	102	60 - 125

Lab Control Spike - Batch: 580-42297

Method: 8082
Preparation: 3580A

Lab Sample ID: LCS 580-42297/2-A
Client Matrix: Waste
Dilution: 1.0
Date Analyzed: 04/09/2009 0045
Date Prepared: 04/08/2009 0751

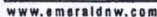
Analysis Batch: 580-42335
Prep Batch: 580-42297
Units: mg/Kg

Instrument ID: TAC042
Lab File ID: CCL010869.D
Initial Weight/Volume: .2 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.25	85	40 - 140	
PCB-1260	5.00	4.86	97	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	95	45 - 155
DCB Decachlorobiphenyl	116	60 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.



EMERALD CONTACT: _____

PO# ER-15494

8445

TO: Test America

[illegible]

PCBS in oil

24 hr
Rush!

	SIGNATURE	PRINTED NAME	COMPANY NAME	TIME / DATE	SPECIAL INSTRUCTIONS / COMMENTS
RELINQUISHED BY	<i>Leslie Embrey</i>	Leslie Embrey	Emerald Recycling	4/6/09	
RECEIVED BY	<i>A.D. Merchant</i>	A.D. MERCHANT	EMERALD SERVICES	9/9/09	
RELINQUISHED BY	<i>A.D. Merchant</i>	A.D. MERCHANT	EMERALD SERVICES	4/9/09	
RECEIVED BY	<i>Kpresley</i>	Kpresley	TAC TACONS	4/17/09	
RELINQUISHED BY					
RECEIVED BY					

Login Sample Receipt Check List

Client: Emerald Services

Job Number: 580-13276-1

Login Number: 13276

Creator: Harding, Jessica

List Number: 1

List Source: TestAmerica Tacoma

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Hand delivered.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

ANALYTICAL REPORT

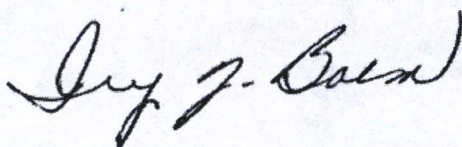
Job Number: 580-13331-1

Job Description: Purcell Equipment

For:

Emerald Services
9010 E Marginal Way S
Suite 200
Seattle, WA 98108

Attention: Leslie Embrey



Approved for release.
Ivy J Bolm
Project Manager I
04/14/09 4:39 PM

Ivy J Bolm
Project Manager I
ivy.bolm@testamericainc.com
04/14/2009

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Job Narrative
580-J13331-1

GC Semi VOA

Method(s) 8082:

Due to the level of dilution required for samples 13331 - 1 & 13331 - 2, surrogate recoveries should be considered as estimates and are flagged "X" and "D".

Silica Gel cleanup was performed on extraction batch 42476 in preparation for analysis by 8082.

METHOD SUMMARY

Client: Emerald Services

Job Number: 580-13331-1

Description	Lab Location	Method	Preparation Method
Matrix: Waste			
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL TAC	SW846 8082	
Waste Dilution	TAL TAC		SW846 3580A

Lab References:

TAL TAC = TestAmerica Tacoma

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

SAMPLE SUMMARY

Client: Emerald Services

Job Number: 580-13331-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
580-13331-1	07850 - Drums	Waste	04/08/2009 0000	04/13/2009 1245
580-13331-2	07850 - Tanks	Waste	04/08/2009 0000	04/13/2009 1245

Analytical Data

Client: Emerald Services

Job Number: 580-13331-1

Client Sample ID: 07850 - Drums

Lab Sample ID: 580-13331-1

Client Matrix: Waste

Date Sampled: 04/08/2009 0000

Date Received: 04/13/2009 1245

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method: 8082

Analysis Batch: 580-42492

Instrument ID: TAC042

Preparation: 3580A

Prep Batch: 580-42476

Lab File ID: CCL010978.D

Dilution: 100

Initial Weight/Volume: 0.2086 g

Date Analyzed: 04/14/2009 1154

Final Weight/Volume: 10 mL

Date Prepared: 04/13/2009 1524

Injection Volume: 1.0 uL

Column ID: PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1016		ND		48
PCB-1221		ND		48
PCB-1232		ND		48
PCB-1242		65		48
PCB-1248		ND		48
PCB-1254		ND		48
PCB-1260		ND		48
Surrogate		%Rec		Acceptance Limits
Tetrachloro-m-xylene		101		45 - 155
DCB Decachlorobiphenyl		137	X D	60 - 125

Analytical Data

Client: Emerald Services

Job Number: 580-13331-1

Client Sample ID: 07850 - Tanks

Lab Sample ID: 580-13331-2

Date Sampled: 04/08/2009 0000

Client Matrix: Waste

Date Received: 04/13/2009 1245

8082 Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Method:	8082	Analysis Batch: 580-42492	Instrument ID:	TAC042
Preparation:	3580A	Prep Batch: 580-42476	Lab File ID:	CCL010979.D
Dilution:	100		Initial Weight/Volume:	0.2032 g
Date Analyzed:	04/14/2009 1209		Final Weight/Volume:	10 mL
Date Prepared:	04/13/2009 1524		Injection Volume:	1.0 uL
			Column ID:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	RL
PCB-1016		ND		49
PCB-1221		ND		49
PCB-1232		ND		49
PCB-1242		64		49
PCB-1248		ND		49
PCB-1254		ND		49
PCB-1260		ND		49
Surrogate		%Rec		Acceptance Limits
Tetrachloro-m-xylene		112		45 - 155
DCB Decachlorobiphenyl		131	X D	60 - 125

DATA REPORTING QUALIFIERS

Client: Emerald Services

Job Number: 580-13331-1

Lab Section	Qualifier	Description
GC Semi VOA		
	X	Surrogate exceeds the control limits
	D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Emerald Services

Job Number: 580-13331-1

Method Blank - Batch: 580-42476

Lab Sample ID: MB 580-42476/1-A
Client Matrix: Waste
Dilution: 1.0
Date Analyzed: 04/14/2009 1123
Date Prepared: 04/13/2009 1524

Analysis Batch: 580-42492
Prep Batch: 580-42476
Units: mg/Kg

Method: 8082 Preparation: 3580A

Instrument ID: TAC042
Lab File ID: CCL010973.D
Initial Weight/Volume: 0.2 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 µL
Column ID: PRIMARY

Analyte	Result	Qual	RL
PCB-1016	ND		0.50
PCB-1221	ND		0.50
PCB-1232	ND		0.50
PCB-1242	ND		0.50
PCB-1248	ND		0.50
PCB-1254	ND		0.50
PCB-1260	ND		0.50

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	85	45 - 155
DCB Decachlorobiphenyl	106	60 - 125

Lab Control Spike - Batch: 580-42476

Lab Sample ID: LCS 580-42476/2-A
Client Matrix: Waste
Dilution: 1.0
Date Analyzed: 04/14/2009 1138
Date Prepared: 04/13/2009 1524

Analysis Batch: 580-42492
Prep Batch: 580-42476
Units: mg/Kg

Method: 8082 Preparation: 3580A

Instrument ID: TAC042
Lab File ID: CCL010974.D
Initial Weight/Volume: 0.2 g
Final Weight/Volume: 10 mL
Injection Volume: 1.0 µL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	4.48	90	40 - 140	
PCB-1260	5.00	5.00	100	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	94	45 - 155
DCB Decachlorobiphenyl	109	60 - 125

Calculations are performed before rounding to avoid round-off errors in calculated results.

Login Sample Receipt Check List

Client: Emerald Services

Job Number: 580-13331-1

Login Number: 13331

Creator: Harding, Jessica

List Number: 1

List Source: TestAmerica Tacoma

Question	T / F / NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Hand delivered.
Cooler Temperature is acceptable.	N/A	
Cooler Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

PCB TANK DECONTAMINATION AND SAMPLE PLAN

This PCB Tank Decontamination and Sample Plan (Plan) outlines the steps to be taken when decontaminating a tank that has contained TSCA contaminated oil. It may also be used to decontaminate a tank containing lower levels of PCB contamination. However, that level of decontamination is generally not necessary unless the PCB contamination was due to a TSCA PCB source. Please refer to 40 CFR Part 761.79 for more information.

The first step of decontamination is a thorough rinsing/flushing of the tank with diesel fuel (kerosene may also be used). The tank must be rinsed a minimum of three times. Each rinse must use a volume of diesel equivalent to approximately 10 percent of the container capacity.

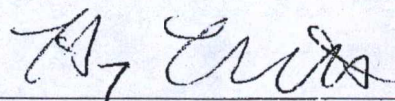
Following the tank rinsing, swab samples must be taken of the tank inlet and outlet piping. Take inlet/outlet swabs in a circular sweep of the tube using a gauze pad treated with hexane. The inlet/outlet swabs can be composited into one sample for analysis.

Swab samples must also be taken from the main part of the tank. For swab sampling of a tank, the tank is divided into six sections: north wall, south wall, east wall, west wall, floor, and ceiling. For each section, a template of approximately 10cm x 10cm grid is used to identify sample locations. A gauze pad treated with hexane is used for swiping each point within the sample grid. Each swipe taken within a section is composited for PCB analysis. A total of six composite samples will be needed for the tank swabs.

The tank is considered to be decontaminated if all swipe sample results are below $10\mu\text{g}/100\text{cm}^2$. If any results are above $10\mu\text{g}/100\text{cm}^2$, the tank must be rinsed and re-swiped until all results are below the $10\mu\text{g}/100\text{cm}^2$ limit.

Certification of proper swab sampling for PCB contaminated oil:

By my signature below, I certify that swab sampling was performed as outlined above.



Facility Representative

4/27/09
Date



Analysis Report Form

Sample Identification: swab samples

Contact Person: Harry Umbinetti

Seattle Lab ID#:090425.0F (1-7)

NOTE: All units are in ug/100cm² unless otherwise specified

Parameter: PCB* wipe test

*Aroclors screened: Aroclors 1242/1248/1016/1232, Aroclor 1254 and Aroclor 1260

By Method 8082

Samples are run on a Hewlett Packard 5890 Gas Chromatograph

Project Description: PCB wipes for container #LS1 decon.

Sample	Results	MDL	Quality Control
			Surrogate recovery (decachlorobiphenol):
North Wall	ND	10.0 ug/100cm ²	86%
South Wall	ND	10.0 ug/100cm ²	81%
East Wall	ND	10.0 ug/100cm ²	87%
West Wall	ND	10.0 ug/100cm ²	78%
Overhead	ND	10.0 ug/100cm ²	85%
Floor	ND	10.0 ug/100cm ²	80%
Inlet/Outlet	ND	10.0 ug/100cm ²	80%

Analyst: L. Embrey

Date:4-25-09

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

002570965

DI2300824

Form Approved, OMB No. 2050-0039

45843

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD058367152	2. Page 1 of 1	3. Emergency Response Phone 1-800-424-9300	4. Manifest Tracking Number 002570965 FLE	
5. Generator's Name and Mailing Address EMERALD SERVICES INC - AIRPORT W 7343 E MARGINAL WAY SOUTH SEATTLE, WA 98108 Generator's Phone: (206) 832-3093						
Generator's Site Address (if different than mailing address) EMERALD SERVICES INC - AIRPORT WAY 1500 AIRPORT WAY S SEATTLE, WA 98134						
6. Transporter 1 Company Name EMERALD SERVICES, INC.			U.S. EPA ID Number WAD058364647			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address CLEAN HARBORS (ARAGONITE), LLC 11600 N. APTUS ROAD, EXIT 56 ARAGONITE, UT 84029 Facility's Phone: (435) 884-8100			U.S. EPA ID Number UTD981552177			
GENERATOR	9a. HM	9b. U.S. DOT Description including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)	10. Containers No. Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	X	NA3082, RQ, Hazardous waste, liquid, n.o.s. (LEAD, POLYCHLORINATED BIPHENYLS), 9, PG-III, RQ-1, ERQ#171	1 TT	29872	K	D008 TSCA
14. Special Handling Instructions and Additional Information a) CH1440028 USED OIL CONTAMINATED WITH PCB'S >500 PPM REPORT ANY 'RQ' DISCHARGE TO NATIONAL RESPONSE CENTER 800-424-8802, AND 911 EMERGENCY NUMBER OR LOCAL OPERATOR. GENERATOR CONTACT: LESLIE EMBREY OSD 4/24/09 308						
15. GENERATOR/SOFFEROR'S CERTIFICATION: I hereby declare that the contents of this manifest are true and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator/Officer's Printed/Typed Name Susan Diamond		Signature Susan Diamond		Month Day Year 04/24/09		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Part of entry/exit: Date leaving U.S.:				
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Tim Simon		Signature Tim Simon		Month Day Year 04/24/09		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number:						
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1. H040 2. 3. 4.						
20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name Tina Peterkin						
Signature Tina Peterkin Month Day Year 04/29/09						



Waste Tracking Detail Report

Manifest Number 002570965FLE

CLHB Receiving Facility: Aragonite, UT Facility

CLHB Generator ID: EM9274 Emerald Recycling Services Seattle WA 98134

Manifest Number:	002570965FLE	Mnfst. Doc. No:		Gen. Sign. Date:	4/24/2009
Work Order:	DI2311389	Generator EPA Id:	WAD058367152	Date Recvd:	4/29/2009

Line: 1 Profile No: CH144002B Manifested Cntnrs: 1 TT Total Qty: 29872 Inbound Mgt Method Code
K

Tracking No: 18191685 Code: DH3 Wgt: 63860 Wgt UOM: LBS

Site	Manifest No	Activity	Activity Date	Final Mgt Method Code
Aragonite, UT Facility		Incineration	5/5/2009	H040



Certificate of Treatment / Disposal - Storage and Transfer

Run Date: 6/11/2009

Manifested To Site: Aragonite, UT Facility
11600 North Aptus Road
Grantsville, UT 84029

EPA ID: UTD981552177

Manifest No.	Generation Date	Received Date
002570965FLE	4/24/2009	4/29/2009

The above described waste, received at the Clean Harbors facility listed above pursuant to the manifest(s) listed above, has been treated and/or disposed of by Clean Harbors, or another licensed facility approved by Clean Harbors, in accordance with applicable federal and state laws and regulations. Any waste received by Clean Harbors and subsequently shipped to another licensed facility has been or shall be identified as being generated by Clean Harbors in accordance with 40CFR 264.71 (c).

Under civil and criminal penalties of law for the making of submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

Signed:

Paul A. Mulla

Date: 6/11/2009

Title:

Director Facility Applications

PI 2322723

001415036JJK

Form Approved. OMB No. 2050-0039

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number WAD058367152	2. Page 1 of 2	3. Emergency Response Phone 1-800-424-9300	4. Manifest Tracking Number 001415036 JJK		
5. Generator's Name and Address EMERALD SERVICES INC - AIRPORT W 7343 E MARGINAL WAY SOUTH SEATTLE, WA 98108 (206) 832-3093		Generator's Site Address (if different than mailing address) EMERALD SERVICES INC - AIRPORT WAY 1500 AIRPORT WAY S SEATTLE, WA 98134					
6. Generator's Phone: 6. Transporter 1 Company Name EMERALD SERVICES, INC.		U.S. EPA ID Number WAD058364647					
7. Transporter 2 Company Name Clean Harbors GROUP. SEUSS.		U.S. EPA ID Number WAD 0313 22290					
8. Designated Facility Name and Site Address CLEAN HARBORS (ARAGONITE), LLC 11600 N. APTUS ROAD, EXIT 56 ARAGONITE, UT 84029 (435) 884-8100		U.S. EPA ID Number UTD981552177					
Facility's Phone:							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity Est.	12. Unit WL/Vol.	13. Waste Codes
	X	HA3082, RQ, Hazardous waste, liquid, n.o.s. (LEAD, POLYCHLORINATED BIPHENYLS), 9, PG-III, RQ=1, ERG#171	3	TP	2960	K	D008 TSCA
	X	UN3432, RQ, POLYCHLORINATED BIPHENYLS, SOLID, 9, PG-II, RQ=1, ERG#171	1	DM	24	K	D008 TSCA
14. Special Handling Instructions and Additional Information a) CH144002B USED OIL CONTAMINATED b) CH150552 PPE & DEBRIS FROM USED A. 167 3x402C B. 1X10 1x55		REPORT ANY RQ DISCHARGE TO NATIONAL RESPONSE CENTER 800-424-8802, AND 911 EMERGENCY NUMBER OR LOCAL OPERATOR. GENERATOR CONTACT: LESLIE EMBREY (206) 832-3093					
15. GENERATOR/SOFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/picarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name HARRY UNBOWEN		Signature <i>[Signature]</i>		Month Day Year 5/04/09			
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit Date leaving U.S.:				
	Transporter signature (for exports only):						
TRANSPORTER	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name SCOTT R. LINDSAY		Signature <i>[Signature]</i>		Month Day Year 05/04/09		
	Transporter 2 Printed/Typed Name ED JOHNSON		Signature <i>[Signature]</i>		Month Day Year 5/18/09		
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number:						
	18b. Alternate Facility (or Generator) U.S. EPA ID Number:						
	Facility's Phone:						
	18c. Signature of Alternate Facility (or Generator) Month Day Year						
	19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H00 2. H00 3. 4.						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a Printed/Typed Name Autumn Anderson							
Signature <i>[Signature]</i>					Month Day Year 5/14/09		

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)



Waste Tracking Detail Report

Manifest Number 001415036JJK

CLHB Receiving Facility: Aragonite, UT Facility

CLHB Generator ID: EM9274 Emerald Recycling Services Seattle WA 98134

Manifest Number:	001415036JJK	Mnfst. Doc. No:		Gen. Sign. Date:	5/4/2009
Work Order:	DI2322723	Generator EPA Id:	WAD058367152	Date Recvd:	5/14/2009

Line: 1 Profile No: CH144002B Manifested Cntrs: 3 TP Total Qty: 2960 K Inbound Mgt Method Code
Tracking No: 18282045 Code: DH3 Wgt: 2207 Wgt UOM: LBS
Site Manifest No Activity Activity Date Final Mgt Method Code
Aragonite, UT Facility Incineration 5/31/2009 H040

Tracking No: 18282046 Code: DH3 Wgt: 2095 Wgt UOM: LBS
Site Manifest No Activity Activity Date Final Mgt Method Code
Aragonite, UT Facility Incineration 5/31/2009 H040

Tracking No: 18282047 Code: DH3 Wgt: 2152 Wgt UOM: LBS
Site Manifest No Activity Activity Date Final Mgt Method Code
Aragonite, UT Facility Incineration 5/31/2009 H040

Line: 2 Profile No: CH150552 Manifested Cntrs: 1 DM Total Qty: 12 K Inbound Mgt Method Code
Tracking No: 18282705 Code: CHSI Wgt: 54 Wgt UOM: LBS
Site Manifest No Activity Activity Date Final Mgt Method Code
Aragonite, UT Facility Incineration 5/28/2009 H040



Certificate of Treatment / Disposal - Storage and Transfer

Run Date: 6/11/2009

Manifested To Site: Aragonite, UT Facility
11600 North Aptus Road
Grantsville, UT 84029

EPA ID: UTD981552177

Manifest No.	Generation Date	Received Date
001415036JJK	5/4/2009	5/14/2009

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Signed:

Paul A. Mills

Date: 6/11/2009

Title:

Director Facility Applications